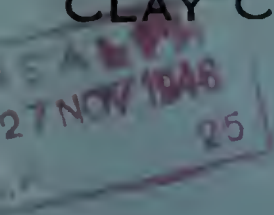


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CLAY CROSS URBAN DISTRICT.



ANNUAL REPORT



OF THE

Medical Officer of Health
for the Year 1945,

BY

JOHN REID GRAHAM,

M.B., CH.B., D.P.H.,

MEDICAL OFFICER OF HEALTH.

CLAY CROSS URBAN DISTRICT.

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ANNUAL REPORT FOR YEAR 1945

Mr. Chairman and Gentlemen,

I herewith present my Annual Report for the year 1945. The high hopes of any rapid progress in housing have not been fulfilled and the frustrations and hold up in obtaining housing sites do not augur well for any rapid progress.

The most urgent housing needs are to relieve overcrowding and secondly to remove people from dilapidated and unsanitary houses, of which Clay Cross has unfortunately more than its "fair share."

There has been an epidemic of measles during the year with one death from Scarlet Fever; there were no deaths from Diphtheria.

I am,

Your obedient servant,

JOHN REID GRAHAM,

Medical Officer of Health.

Public Health Staff.

Medical Officer of Health: JOHN R. GRAHAM, M.B., Ch.B.
(St. And.) D.P.H. (St. And.).

Sanitary Inspector: W. A. T. LYNAM, A.R.S.I.

General Rate.

Sum represented by a Penny Rate: £120.

General Rate 1st April, 1945, to 30th September, 1945, in
the £, 9/-.

General Rate 1st October, 1945, to 30th March, 1946, in
the £, 8/6.

Vital Statistics and Social Conditions of the Area.

BIRTH RATE.

22·16 per 1000 live births of the estimated resident population.
22·95 per 1000 live and still births.

DEATH RATE.

11·01 per 1000 of the estimated resident population.

DEATHS FROM PUERPERAL CAUSES.

From Sepsis	...	1
From Other Causes	...	Nil

INFANTILE DEATH RATE.

All Infants per 1000 live births	...	65·08
Legitimate infants per 1000 legitimate live births		65·08
Illegitimate Infants per 1000 illegitimate births		Nil

Social Conditions of the Area.

There has been no improvement in the housing position since last year. Indeed they are worse, as the demobilisation and return home of many service personnel has added to the overcrowding. In view of the delays in traditional building it is to be regretted that the Council did not obtain an allocation of the prefabricated bungalows.

For its size Clay Cross Urban District has a vast housing programme to carry out.

As regards employment the position is good and it is encouraging to know that there are prospects of some light industries being set up in the district.

Births in the Clay Cross Urban District.

LIVE BIRTHS. Males: Total 83. Legitimate 74, Illegitimate 9
Females: Total 86. Legitimate 73, Illegitimate 13

STILL BIRTHS Males: Total 2. Legitimate 2, Illegitimate 0
Females: Total 4. Legitimate 3, Illegitimate 1

DEATHS OF INFANTS UNDER 1 YEAR OF AGE.

Males: Total 7. Legitimate 7, Illegitimate 0
Females: Total 4. Legitimate 4, Illegitimate 0

Causes of Death in the Clay Cross Urban District during 1945

	Male	Female
All causes ...	45	39
Typhoid and parat. Fevers ...	0	0
Cerebro-spinal Fever ...	0	0
Scarlet Fever ...	0	0
Whooping Cough ...	0	0
Diphtheria ...	0	0
Tuberculosis of respiratory system	0	0
Other forms of Tuberculosis ...	0	0
Syphilitic Diseases ...	0	0
Influenza ...	1	0
Measles ...	0	1
Ac. polio-myel. & polio enceph.	0	0
Ac. Inf. enceph. ...	0	0
Cancer of buc. cav. & œsoph (M) uterus (F) ...	2	1
Cancer of stomach & duodenum	2	0
Cancer of breast ...	0	1
Cancer of all other sites ...	2	3
Diabetes ...	0	2
Intracranial vascular lesions ...	2	7
Heart disease ...	8	8
Other dis. of circulatory system	2	1
Bronchitis ...	8	4
Pneumonia ...	2	1
Other respiratory diseases ...	0	0
Ulcer of Stomach or duodenum	2	0
Diarrhoea under two years ...	1	0
Appendicitis ...	0	0
Other digestive diseases ...	0	2
Nephritis ...	1	0
Puerp. & post-abortion sepsis ...	0	1
Other maternal causes ...	0	0
Premature Birth ...	3	1
Con. mal. birth inj. infant dis. ...	2	2
Suicide ...	1	0
Road Traffic accident ...	0	0
Other violent causes ...	2	1
All other causes ...	4	3

Birth Rates, Civilian Death Rates, Analysis of Mortality for the year 1945.

	England and Wales	126 C.Bs. & great towns including London	148 Smaller Towns resid- ent population 25000---50000 at 1931 census	London Adm. County	Clay Cross U.D.C.
<i>Rates per 1000 Civilian Population</i>					
Live Births ...	16.1	19.1	19.2	15.7	22.16
Still Births ...	0.46	0.58	0.53	0.40	0.78

Deaths :

All causes ...	11.4	13.5	12.3	13.8	11.01
Typhoid & Paratyphoid	0.00	0.00	0.00	0.00	0.00
Scarlet Fever	0.00	0.00	0.00	0.00	0.00
Whooping Cough	0.02	0.02	0.01	0.02	0.00
Diphtheria ...	0.02	0.02	0.02	0.01	0.00
Influenza ...	0.08	0.07	0.07	0.07	0.13
Smallpox ...	0.00	0.00	0.00	0.00	0.00
Measles ...	0.02	0.02	0.02	0.01	0.13

Rates per 1000 Live Births

Deaths under 1 year of age ...	46	54	43	53	65
Deaths from Diarrhoea and Enteritis under 2 years of age ...	5.6	7.8	4.5	7.6	5.91

Rates per 1000 civilian Population

Notifications :

Typhoid Fever	0.01	0.01	0.01	0.01	0.00
Paratyphoid Fever	0.01	0.00	0.01	0.00	0.00
Cerebro-Spinal Fever	0.05	0.05	0.05	0.05	0.26
Scarlet Fever ..	1.89	2.02	2.03	1.57	2.49
Whooping Cough	1.64	1.65	1.47	1.25	0.92
Diphtheria ...	0.46	0.52	0.56	0.31	1.05
Erysipelas ...	0.25	0.28	0.24	0.31	0.13
Smallpox ...	0.00	0.00	0.00	0.00	0.00
Measles ...	11.67	10.89	11.19	9.03	18.36
Pneumonia ...	0.87	1.03	0.72	0.78	0.13

Rates per 1000 Total Births (Live and Still)

Notifications :

Puerperal Fever	9.93	12.65	8.81	(3.60)	5.71
Puerperal Pyrexia				(15.87)	

Water Supplies.

There have been no major works carried out in connection with the water supply, which during the past year has been ample for all requirements.

There have been no additional premises supplied. The following table gives the particulars of supply.

		Houses supplied
Clay Cross U.D.C. undertaking	...	2,008
North East Derbyshire Joint Water Committee	...	136
Other sources	...	23
	Satisfactory	Unsatisfactory
Sample taken	29	1

Sewerage.

No new works were undertaken. The position in some parts of the area is bad, but it is hoped that in the near future works will be in hand to remedy conditions existing.

Closet Accomodation.

Type	Number in use at end of 1945
Privy Middens	136
Pail Closets	6
Water Closets	2262
Trough and Slop Water Closets	12
	<hr/> 2414

CONVERSIONS TO WATER CLOSETS DURING 1945:

Privy Conversions	2
Pail Closets	0
	<hr/> 2

Various sites have been inspected with a view to purchase for housing purposes.

Cleansing and Scavenging.

This work is carried out efficiently by the Council's workmen. There is one low loading refuse collecting vehicle of modern design, and other vehicles are provided with sheets.

All dust bins are emptied weekly.

Controlled tipping is in operation.

The Council retain the services of a rat-catcher.

The streets are regularly cleaned, including Sundays.

Powers under the Rats and Mice (Destruction) Act, 1919, have been delegated to the Council.

Petroleum Acts.

Ten licenses were granted for the storing of Petroleum Spirit and two licenses for the storing of Carbide of Calcium.

The storage capacity is 42,100 gallons of Petrol and 20 cwt. of Carbide.

Salvage.

Salvage operations carried out during the year 1945 were as follows :

	T.	C.	Q.	£	s.	d.
Waste Paper ...	50	16	2	338	9	1
Textiles ..	7	1	2	33	18	11
Bones ..	2	14	0	14	16	11
Ferrous Metals ...	1	0	3	6	0	0
Bottles and Jars ...		18	2	7	2	11
Broken Glass ..	26	18	0	60	10	6
	89	9	1	£460	18	4

Control of Infectious Disease.

SCARLET FEVER.

There were 19 cases as compared with 97 the previous year. One case had a fatal termination.

DIPHTHERIA.

Eight cases were notified as compared to 7 the previous year. There were no deaths.

CEREBRO-SPINAL FEVER.

Two cases were notified as compared with 4 in 1944. There were no deaths.

MEASLES.

There was an epidemic of measles during the year; 146 cases were notified with one death. The figures for the previous year were 12 notifications, no deaths.

Bacteriological Examinations.

Table showing the number of specimens sent from the Urban District of Clay Cross, and examined at the County Laboratory, Derby.

		Positive	Negative
ENTERICA :			
Typhoid, Para-Typhoid A & B	...	—	—
Gaertner, Dysentery, etc.	...	—	—
Diphtheria	...	1	18
Phthisis	...	—	7
Water	...	—	—
Milk for T.B. Inoculations sent from the Ministry of Agriculture	...	—	—
T.B. Inoculation	...	—	—
ROUTINE SAMPLES :			
Methylene Blue Test	...	—	—
Bacillus Coli	...	—	—
Miscellaneous	...	—	5
	Totals	1	30

Ophthalmia Neonatorum.

Cases Notified	Treated at home	Treated in hospital	Vision unimpaired	Vision impaired	Total Blindness	Deaths
0	0	0	0	0	0	0

Infectious Diseases.

Disease	Total Number Notified	Cases ad- mitted to Hospital	Total Deaths
Smallpox ...	0	0	0
Scarlet Fever ...	19	18	1
Diphtheria ...	8	8	0
Enteric Fever ...	0	0	0
Puerperal Fever	1	0	0
Puerperal Pyrexia }			
Cerebro-Spinal Fever ...	2	2	0
Pneumonia ...	1	0	5
Erysipelas ...	1	0	0
Polio-myelitis ...	0	0	0
Ophthalmia Neonatorum ...	0	0	0
Encephalitis Lethargica ...	0	0	0
Undulant Fever ...	0	0	0
Measles ...	140	1	1
Whooping Cough ...	7	0	0

Tuberculosis Return for 1945.

NEW CASES.

DEATHS.

Age periods	PULMONARY.		NON-PULMONARY.		PULMONARY.		NON-PULMONARY.	
	M	F	M	F	M	F	M	F
Under 1	0	0	0	0	0	0	0	0
1 and over	0	0	0	0	0	0	0	0
5 and over	0	0	1	1	0	0	0	0
15 and over	0	0	0	0	0	0	0	0
25 and over	0	0	1	0	0	0	0	0
35 and over	0	0	0	0	0	0	0	0
45 and over	0	0	0	0	0	0	0	0
55 and over	0	1	0	0	0	0	0	0
65 and over	1	0	0	0	0	0	0	0
Total	1	1	2	1	0	0	0	0

NOT NOTIFIED.

NOT PRIMARY.

Cases inclu- ded above 0	0	0	0	0	0	0	0	0
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Scabies Order 1941.

Poolsbrook Treatment Centre.

During the year a total of 2,268 patients attended the centre for treatment for scabies or verminous heads.

SCABIES.

	Adults	5—15 yrs.	Under 5 yrs.	Total
Chesterfield R.D.C. ...	564	347	148	1059
Clay Cross U.D.C. ...	68	28	11	107
Clowne R.D.C. ...	146	66	37	249
Dronfield U.D.C. ...	19	13	7	39
Staveley U.D.C. ...	176	87	37	300
	<hr/> 973	<hr/> 541	<hr/> 240	<hr/> 1754

HEAD LICE.

Chesterfield R.D.C. ...	10 (9)	128 (121)	22(21)	160 (151)
Clay Cross U.D.C. ...	3 (2)	7 (7)	—	10 (9)
Clowne R.D.C. ...	6 (6)	44 (40)	5 (3)	55 (49)
Dronfield U.D.C. ...	—	1 (1)	—	1 (1)
Staveley U.D.C. ...	7 (6)	84 (78)	17(16)	108 (100)
	<hr/> 26 (23)	<hr/> 264 (247)	<hr/> 44(40)	<hr/> 334 (310)

SCABIES WITH
VERMINOUS HEADS.

Chesterfield R.D.C. ...	27 (27)	86 (74)	18(11)	131 (112)
Clay Cross U.D.C. ..	—	2 (2)	—	2 (2)
Clowne R.D.C. ...	3 (3)	18 (15)	5 (4)	26 (22)
Dronfield U.D.C. ...	2 (2)	2 (2)	—	4 (4)
Staveley U.D.C. ...	3 (2)	18 (15)	6 (4)	27 (21)
	<hr/> 35 (34)	<hr/> 126 (108)	<hr/> 29(19)	<hr/> 190 (161)

ADD : 113 cases diagnosis *not* confirmed.

62 cases miscellaneous.

4 cases Ped. Corporis (2 Chesterfield, 2 Dronfield—all adults).

1 case Ped. Pubis.

Scabies Order 1941.

Treatment Centre, Poolsbrook.

During the year a total of 2,088 cases were treated at the Centre. This shows a decrease of 613 cases over the year. The decrease is entirely due to the number of cases coming for scabies treatment, 2,378 being treated in 1944 as against 1,754 in 1945. With regard to the cases sent with verminous heads 334 were sent in 1945 compared with 333 in 1944.

The proportion of persons sent as scabies and found to be infested is comparable to the proportions in the previous year.

The figures indicate that while scabies has markedly decreased there is no sign that infestation of heads is decreasing; rather the reverse as the number of cases treated in 1943 (the first complete year of working) was only 185.

During the year several inquiries were undertaken.

D.D.T. which is now very well known to the general public, has been tried for verminous head infestations at the Centre. The results were not satisfactory.

Two inquiries have been conducted for Professor Kenneth Mellanby of the London School of Hygiene and Tropical Medicine. Both of these were concerned with an alternative method of treatment for scabies. In neither case was there any advantage over the present method.

The result of the investigations of louse populations in cases with verminous heads have now been published. An article in the "Medical Officer" for 10th June, 1945, gave full details. The most important findings were that: over 90% of those with nits also have live lice. Over half of those infested have a louse population of more than ten, and 10% have more than 100 lice each. The age-groups showing the heaviest infestation also have the largest number of lice. One interesting conclusion was that the lighter the nit infestation and the greater the ratio between immature stages of lice and adults. It is not to be assumed because there are 'only a few nits' that no lice are present: a small infestation is merely the forerunner of a much heavier infestation. The importance is stressed of the earliest treatment once nits are found.

Annual Report of Sanitary Inspector.

Clay Cross Urban Sanitary District, 1945.

Name of Inspector : W. A. T. LYNAM, A.R.S.I.

Area of District : 2023. Estimated No. of Houses : 2167.

New houses erected in 1945 : (a) by Local Authority 0, (b) by Private enterprise 0

	Number of Inspections made by Sanitary Inspector	Number of Informal Notices served	Number of Legal Notices served	Nuisances abated with or without Notices
CLOSETS AND ASHPITS—				
Defective Privies, Pail Closets & Ashpits (not for conversion)	3	3	0	3
Conversion of Privies into W.C.'s	2	2	0	2
Conversion of Pail Closets into W.C.'s ...	0	0	0	0
Conversions of Privies into Pail Closets ...	0	0	0	0
Defective Water Closets ...	51	28	0	37
Provision of Additional Water Closets ...	2	2	0	2
Provision of Portable Ashbins ...	185	185	0	185
Dirty Closets ...	0	0	0	0
DRAINAGE—				
No disconnection of waste pipe ...	0	0	0	0
Defective Waste Pipe, Traps, Inlets and Drains ...	8	8	0	8
Drains Obstructed ...	92	52	0	85
OTHER DEFECTS—				
Paving of Courts and Yards ...	6	6	0	6
Roofs. Eaves-Spouts and Down- Spouts ...	15	10	0	12
Sinks ...	16	11	0	14
Insufficient Ventilation ...	3	1	0	3
Windows... ...	2	0	0	0
Dampness ...	26	2	0	1
Water in Cellars ...	7	0	0	0
Water Supply ...	12	1	0	0
Overcrowding ...	3	1	0	0
Foul Condition of Houses ...	0	0	0	0
Offensive Accumulations ...	1	0	0	0
Animals improperly kept ...	0	0	0	0
Pigsties ...	0	0	0	0
Smoke Nuisances ...	2	0	0	0
Urinals ...	0	0	0	0
Nuisances not specified above ...	0	0	0	0
	<hr/> 436 <hr/>	<hr/> 312 <hr/>	<hr/> 0 <hr/>	<hr/> 358 <hr/>

		Number on Register	Inspections Made	Notices Served	Nuisances Abated with or without Notice.
Dairies, Cowsheds and Milkshops	..	35	48	6	8
Bakehouses	... ..	3	6	1	1
Slaughterhouses	... ..	8	8	0	0
Offensive Trades	... ..	1	2	0	0
Common Lodging-houses	... ..	1	2	0	0
Factory	... ..	1	1	0	0
		<hr/> 49 <hr/>	<hr/> 67 <hr/>	<hr/> 7 <hr/>	<hr/> 9 <hr/>

Summary of Food Condemned, 1945.

10 tins Jam	4 tins Herrings
5 tins Peas	2 tins Meat Roll
10 tins Baked Beans	19 lbs Sausage
1 tin Sheep's Tongue	73 lbs 6 ozs Cheese
4 lb tin Pressed Beef	4 tins Kam Pork Meat
6 $\frac{3}{4}$ lbs Pork Luncheon Meat	15 tins Pilchards
1 tin Salmon (Grade 1)	1 tin Prem
2 tins Corned Beef	19 lbs Bacon
1 tin Sausage Meat	1 tin Condensed Milk
1 tin Vegetable Salad	3 tins Evaporated Milk
3 tins Soup	7 $\frac{3}{4}$ lbs Butter
1 tin Mackerel	33 Rabbits
1 tin Lyle's Golden Syrup	1 tin Spiced Ham
4 tins Soup	2 tins Stewed Steak
6 tins Pork & Beans	

Housing.

1. INSPECTION OF DWELLING HOUSES DURING THE YEAR :

(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts), 180.

(b) Number of inspections made for the purpose, 235.

(2) (a) Number of dwelling-houses (included under sub-head) (1) above which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932, 0.

(b) Number of inspections made for the purpose, 0.

(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation, 0.

(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation, 180.

2. REMEDY OF DEFECTS DURING YEAR WITHOUT SERVICE OF FORMAL NOTICES :

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers, 2.

3. ACTION UNDER STATUTORY POWERS DURING THE YEAR :

(a) Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936, 0.

(1) Number of dwelling-houses in respect of which notices were served requiring repairs, 0.

(2) Number of Houses which were rendered fit after service of formal notices :

(a) By owners, 0.

(b) By Local Authority, 0.

(b) Proceedings under Public Health Acts :

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied, 180.

2. Number of dwelling-houses in which defects were remedied after service of formal notices, 109.

(a) By owners, 109.

(b) By Local Authority in default of owners, 0.

(c) Proceedings under Section 11 and 13 of the Housing Act, 1936:

(1) Number of dwelling-houses in respect of which Demolition Orders were made, 0

(2) Number of dwelling-houses demolished in pursuance of Demolition Orders, 0.

(d) Proceedings under Section 12 of the Housing Act, 1936.

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made, 0.

(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit, 0.

4. Housing Act, 1936, Part IV.—Overcrowding:

(a) (1)	Number of dwellings overcrowded at end of the year	...	...	...	...	...	...	3.
(2)	Number of families dwelling therein	...	...	...	...	...	...	0.
(3)	Number of persons dwelling therein	...	...	...	...	...	...	0.

(b)	Number of new cases of overcrowding reported during the year	0
(c)	(1) Number of cases of overcrowding relieved during the year	1
	(2) Number of persons concerned in such cases	0
(d)	Particulars of any cases in which dwelling- houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding	0

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